

CHEMICAL PROPERTIES OF THE SOILS
Madison Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
Ba:									
BRUIN-----	0-11	10-18	5.0-15	---	5.6-7.8	---	---	---	---
	11-46	10-18	5.0-15	---	6.1-8.4	---	---	---	---
	46-71	10-35	5.0-25	---	6.1-8.4	---	---	---	---
BC:									
BRUIN-----	0-10	10-18	5.0-10	---	5.6-7.8	---	---	---	---
	10-46	10-18	5.0-10	---	6.1-8.4	---	---	---	---
	46-60	5-30	5.0-20	---	6.1-8.4	0-5	---	---	---
COMMERCE-----	0-10	14-27	5.0-15	---	5.6-8.4	---	---	---	---
	10-36	14-39	10-30	---	6.1-8.4	---	---	---	---
	36-60	14-39	10-40	---	6.6-8.4	---	---	---	---
Cm:									
COMMERCE-----	0-7	14-27	5.0-15	---	5.6-8.4	---	---	---	---
	7-48	14-39	10-30	---	6.1-8.4	---	---	---	---
	48-65	14-39	10-40	---	6.6-8.4	---	---	---	---
Cn:									
COMMERCE-----	0-7	27-39	10-25	---	5.6-8.4	---	---	---	---
	7-48	14-39	10-30	---	6.1-8.4	---	---	---	---
	48-65	14-39	10-40	---	6.6-8.4	---	---	---	---
Co:									
COMMERCE-----	0-7	27-39	10-25	---	5.6-8.4	---	---	---	---
	7-48	14-39	10-30	---	6.1-8.4	---	---	---	---
	48-65	14-39	10-40	---	6.6-8.4	---	---	---	---
Cr:									
CREVASSE-----	0-5	2-8	---	---	5.6-8.4	---	---	---	---
	5-60	2-8	---	---	5.6-8.4	---	---	---	---
Dd:									
DUNDEE-----	0-9	10-30	---	---	4.5-6.0	---	---	---	---
	9-33	18-34	---	---	4.5-6.0	---	---	---	---
	33-65	18-25	---	---	4.5-7.3	---	---	---	---
De:									
DUNDEE-----	0-9	10-30	---	---	4.5-6.0	---	---	---	---
	9-33	18-34	---	---	4.5-6.0	---	---	---	---
	33-65	18-25	---	---	4.5-7.3	---	---	---	---
Ds:									
DUNDEE-----	0-9	10-30	---	---	4.5-6.0	---	---	---	---
	9-33	18-34	---	---	4.5-6.0	---	---	---	---
	33-65	18-25	---	---	4.5-7.3	---	---	---	---
SHARKEY-----	0-6	40-60	20-40	---	5.1-8.4	---	---	---	---
	6-40	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	40-83	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
Sa:									
SHARKEY-----	0-8	10-27	5.0-10	---	5.1-8.4	---	---	---	---
	8-40	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	40-83	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
Sb:									
SHARKEY-----	0-9	27-35	10-25	---	5.1-8.4	---	---	---	---
	9-40	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	40-83	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
Sc:									
SHARKEY-----	0-6	40-60	20-40	---	5.1-8.4	---	---	---	---
	6-40	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	40-83	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
Sd:									
SHARKEY-----	0-6	40-60	20-40	---	5.1-8.4	---	---	---	---
	6-40	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	40-83	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---

CHEMICAL PROPERTIES OF THE SOILS--Continued
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Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
Sf:									
SHARKEY-----	0-6	40-60	20-40	---	5.1-8.4	---	---	---	---
	6-40	60-90	20-40	---	5.1-8.4	0-5	---	---	---
	40-83	25-90	10-40	---	6.6-8.4	0-5	---	---	---
SS:									
SHARKEY-----	0-9	40-60	20-40	---	5.1-8.4	---	---	---	---
	9-42	60-90	20-40	---	5.1-8.4	0-5	---	---	---
	42-60	25-90	10-40	---	6.6-8.4	0-5	---	---	---
St:									
SHARKEY-----	0-6	40-60	20-40	---	5.1-8.4	---	---	---	---
	6-40	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	40-83	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
TUNICA-----	0-4	35-75	---	---	5.6-7.8	---	---	---	---
	4-26	35-75	---	---	5.6-7.8	---	---	---	---
	26-76	10-32	---	---	5.6-8.4	---	---	---	---
SU:									
SHARKEY-----	0-9	40-60	20-40	---	5.1-8.4	---	---	---	---
	9-42	60-90	20-40	---	5.1-8.4	0-5	---	---	---
	42-60	25-90	10-40	---	6.6-8.4	0-5	---	---	---
TUNICA-----	0-7	35-75	---	---	5.6-7.8	---	---	---	---
	7-28	35-75	---	---	5.6-7.8	---	---	---	---
	28-48	10-32	---	---	5.6-8.4	---	---	---	---
Ta:									
TENSAS-----	0-5	40-60	20-40	20-40	4.5-6.0	---	---	---	---
	5-22	40-60	20-40	20-40	4.5-6.0	---	---	---	---
	22-67	10-39	5.0-25	---	5.1-7.3	---	---	---	---
Ts:									
TENSAS-----	0-5	40-60	20-40	20-40	4.5-6.0	---	---	---	---
	5-22	40-60	20-40	20-40	4.5-6.0	---	---	---	---
	22-67	10-39	5.0-25	---	5.1-7.3	---	---	---	---
SHARKEY-----	0-6	40-60	20-40	---	5.1-8.4	---	---	---	---
	6-40	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	40-83	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
Tu:									
TUNICA-----	0-8	35-75	---	---	5.6-7.8	---	---	---	---
	8-26	35-75	---	---	5.6-7.8	---	---	---	---
	26-76	10-32	---	---	5.6-8.4	---	---	---	---
Ud:									
UDIFLUVENTS----	---	---	---	---	---	---	---	---	---
Us:									
UDIPSAMMENTS----	---	---	---	---	---	---	---	---	---